

SLOTTED MULTIPLE BAND ANTENNA**ABSTRACT OF THE DISCLOSURE**

A multiple band antenna has an RF coupling structure (110) and a resonant RF
5 structure (102). The RF coupling structure (110) has an RF connection (116, 118) and
an RF coupling end (112, 114). The resonant RF structure (102) is reactively coupled
to the RF coupling end (112, 114). The resonant RF structure (102) has a first end
(106) and a second end (108) and has a conductive perimeter (102) enclosing at least
one slot area (104) configured to induce an additional resonant RF band for the
10 resonant RF structure (102). The first end (106) and the second end (108) are
reactively coupled to a ground plane (124, 120) to facilitate longer wavelength
operation. Cellular phones (800) and wireless communications sections incorporating
such antennas are also provided.